

Dear Research participant in the project

## Improving students' learning from educational videos with the help of eye tracking

Date \_\_\_\_\_

Pseudonym you use in this study \_\_\_\_\_

Please answer the following seven questions about your educational background and learning preferences.

### Questionnaire

Q1 How many university mathematics courses have you taken to date?

- None
- I study the first mathematics course now
- 1-2
- 3-4
- More than 4

Q2 How would you rate your mathematics proficiency?

- Very poor
- Poor
- Average
- Good
- Excellent

Q3 How often do you use mathematics in your daily life?

- Never
- Seldom
- Often
- Very often
- Almost daily

Q4 Did you take a course in Linear Algebra?

- Yes
- No
- What is Linear Algebra?

**Please turn over this page!**

Q5 A website has a video showing how to make a special graph or chart. There is a person speaking, some lists and words describing what to do and some diagrams. I would learn most from

- listening
- seeing the diagrams
- watching the actions
- reading the words

Q6 I prefer a presenter or a teacher who uses

- handouts, books, or readings
- demonstrations, models or practical sessions
- diagrams, charts, maps or graphs
- question and answer, talk, group discussion, or guest speakers
- educational videos

Q7 I want to assemble a wooden cabinet that came in parts from IKEA. I would learn best from

- advice from someone who has done it before
- written instructions that came with the parts for the cabinet
- watching a video of a person assembling a similar cabinet
- diagrams showing each stage of the assembly